

ABSTRACT OF THE DISCLOSURE

A dishwasher operates to sense the need for a drain or purge operation based on dynamic characteristics of a respective washing operation such that an adaptive system is defined. In accordance with the invention, washing fluid used to spray clean kitchenware being washed is filtered and soil from the kitchenware is collected. When the filtering system becomes clogged, a flow signal is established to indicate the need for at least a partial drain operation. Most preferably, this arrangement is used in combination with signals from a turbidity sensor, as well as pump motor current signals, to provide an comprehensive, dynamically adaptive control system.